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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/059,130	01/31/2002	Takahiro Ishihara	32739M072	5979
441	7590	12/31/2003	EXAMINER	
SMITH, GAMBRELL & RUSSELL, LLP 1850 M STREET, N.W., SUITE 800 WASHINGTON, DC 20036			DOTE, JANIS L	
			ART UNIT	PAPER NUMBER

1756

DATE MAILED: 12/31/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
10/059,130	01/31/02	ISHIHARA et al.	

EXAMINER	
J. DOTE	
ART UNIT	PAPER NUMBER
1756	

DATE MAILED:

**Pl ase find below a communication from the EXAMINER in charge of this application**  
Commissioner of Patents

The information disclosure statement (IDS) submitted on Oct. 31, 2003, was filed after the mailing date of the final Office action on Jul. 22, 2003. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement has been considered by the examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Janis L. Dote whose telephone number is (571) 272-1382. The examiner can normally be reached Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Mark Huff, can be reached on (517) 272-1385. The central fax phone number is (703) 872-9306.

Any inquiry of papers not received regarding this communication or earlier communications should be directed to Supervisory Application Examiner Ms. Palestine Jenkins, whose telephone number is (571) 272-1021.

JLD  
December 17, 2003

*Janis L. Dote*  
JANIS L. DOTE  
PRIMARY EXAMINER  
GROUP 1500  
1700



FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET 032739M072	SERIAL NO. 10/059,130
	APPLICANT: Takahiro Ishihara, et al.	
	FILING DATE January 31, 2002	GROUP ART UNIT 1756

#### U.S. PATENT DOCUMENTS

*Examiner's Initials		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE, IF APPROPRIATE
JLD	AA	6,017,670	1/25/00	Hashizume et al.			
JLD	AB	5,885,743	3/23/99	Takayanagi et a.			
	AC						
	AD						
	AE						

#### FOREIGN PATENT DOCUMENTS

*Examiner's Initials		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							

#### OTHER INFORMATION (Including Author, Title, Date, Pertinent Pages, Etc.)

JLD	AN	Patent Abstracts of Japan, Vol. 014, No. 088, February 19, 1990 & JP 01 297657, November 30, 1989 *abstract*
JLD	AO	Patent Abstracts of Japan, Vol. 018, No. 081, February 9, 1994 & JP 05 289398, November 5, 1993 *abstract*
	AP	
	AQ	

EXAMINER: DOTE, JANIS L	DATE CONSIDERED: 12/17/03
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	